In the Claims:

1. (currently amended) A method of selecting a ~~plurality of~~ frequency band for use in a desired wireless communication from among a plurality of frequency bands available to be used for the desired wireless communication, comprising:

producing narrow band measurements of a frequency band by passively monitoring the plurality of frequency bands ~~to determine interference information for each of the frequency bands~~;

summing the narrow band measurements of the frequency band ~~interference information of said each of the frequency bands~~ to produce a signal quality indication; and

selecting ~~the plurality of~~ a frequency ~~bands~~ band for the desired wireless communication in response to the signal quality indication.

2-4. (canceled)

5. (previously presented) The method of claim 1, wherein said plurality of frequency bands are narrow frequency bands comprising a wide frequency band.

6. (previously presented) The method of claim 5, wherein the wide frequency band is an EEE 802.11b band.

7. (previously presented) The method of claim 1, wherein at least one frequency band of the plurality of frequency bands is a Bluetooth 2.0 band.

8. (currently amended) The method of claim 1, wherein ~~said passive monitoring step~~ the producing includes each of two wireless communication stations passively monitoring at least some of said plurality of frequency bands.

9. (original) The method of claim 8, including one of said wireless communication stations communicating with the other of said wireless communication stations regarding results of said passive monitoring.

10. (currently amended) The method of claim 1, wherein ~~said passive monitoring step~~ the producing includes passively monitoring a group of the available frequency bands, and tuning a filter to each of said group of available frequency bands.

11. (previously presented) The method of claim 1, wherein the plurality of frequency bands includes a frequency band associated with microwave oven interference.

12. (currently amended) The method of claim 1, wherein said selecting step includes the wireless communication station ~~selecting the plurality of frequency bands for the desired wireless communication station and~~ informing another wireless communication station of the selected frequency ~~bands~~ band.

13. (previously presented) A wireless communication station, comprising:

an antenna for use in wireless communications;

a band selection controller coupled to said antenna, ~~for selecting a plurality of frequency bands to be used for the desired wireless communication;~~

~~said band selection controller operable for passively monitoring each frequency band of the plurality of frequency bands to determine respective interference information for said each frequency band;~~

~~said band selection controller operable for summing the respective interference information of said each frequency band to produce a signal quality indication; and~~

~~said band selection controller further operable for selecting the plurality of frequency bands for the desired wireless communication in response to the signal quality indication~~ the band selection controller including:

i. a filter producing filtered outputs for narrow bands of a selected channel received from the antenna;

ii. a measurement portion connected with the filtered outputs to produce measurements of each of the narrow bands, and

iii. a selection portion connected to the measurement portion and selecting a frequency band for wireless communication in response to summing the measurements of the narrow bands.

14-15. (canceled)

16. (currently amended) The wireless communication station of claim 13, including a wireless communications interface coupled between said antenna

and said band selection controller, said wireless communications interface cooperable with said band selection controller and said antenna for communicating to another wireless communication station information indicative of a result of ~~said passive monitoring operation~~ the selection portion.

17. (previously presented) The wireless communication station of claim 13, including a wireless communications interface coupled between said antenna and said band selection controller, said wireless communications interface cooperable with said antenna for receiving and providing to said band selection controller a passive monitoring result which is associated with said each frequency band and which has been obtained and transmitted by another wireless communication station, said band selection controller operable for determining whether said each frequency band is acceptable for the desired wireless communication in response to said result received from said another wireless communication station.

18. (canceled)

19. (original) The wireless communication station of claim 13, including a wireless communications interface coupled to said antenna for interfacing between said antenna and a communications application, said band selection controller including a portion of said wireless communications interface.

20. (canceled)

21. (original) The wireless communication station of claim 13, provided as one of a Bluetooth station and an IEEE 802.11b station.

22-32. (canceled)

33. (new) The method of claim 1 in which the producing measurements includes producing measurements of the energy in each narrow band, and the summing includes summing the energy in the narrow band measurements.

34. (new) The method of claim 1 in which the producing measurements includes producing received signal strength indication measurements of the energy in each narrow band, and the summing includes summing the energy in the narrow band measurements.

35. (new) The method of claim 13 in which the measurement portion producing measurements of the energy in each narrow band, and the selection portion sums the energy in the narrow band measurements.

36. (new) The method of claim 13 in which the measurement portion produces received signal strength indication measurements of the energy in each narrow band, and the summing includes summing the energy in the narrow band measurements.